

Converting Colors

`RYB(188, 185, 235)`

Have a look what the booklet for
RYB(188, 185, 235) contains.

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Color

R_YB(188, 185, 235)

Conversions

Conversions Part 1

Format	Color
Hex	BCB9EB
RGB	188, 185, 235
RGB Percent	74%, 73%, 92%
CMY	0.2627, 0.2745, 0.0784
CMYK	0.20, 0.21, 0.00, 0.08
HSL	244°, 56%, 82%
HSV	244°, 21%, 92%
XYZ	53.0834, 51.3874, 85.7182
YIQ	191.5970, -14.2620, 16.1860

Conversions

Conversions Part 2

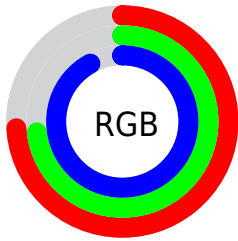
Format	Color
R_{YB}	188, 185, 235
Decimal	12368363
CIE _{Lab}	76.91, 11.27, -24.48
CIE _{LCh}	77, 26.948, 294.726
Yxy	51.3874, 0.2791, 0.2702
Android (android.graphics.Color)	4290558443 (0xFFBCB9EB)
YUV	191.5970, 21.3977, -3.1546
Hunter-Lab	71.6850, 6.7320, -20.7172

Details

The RYB color **188, 185, 235** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **185, 235, 188**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **245, 241, 255**, and **134, 132, 179** is the 20% darker color. If you saturate the color by 10%, you get **166, 162, 235**, and if you desaturate by 10%, it is **210, 209, 235**.

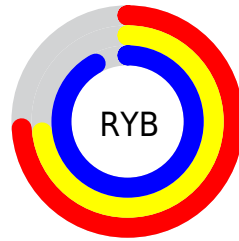
Distribution



Red (74%)

Green (73%)

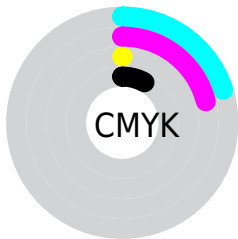
Blue (92%)



Red (74%)

Yellow (73%)

Blue (92%)

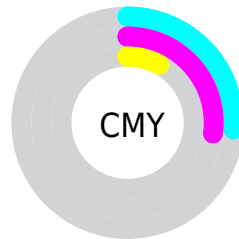


Cyan (20%)

Magenta (21%)

Yellow (0%)

Black (8%)



Cyan (26%)

Magenta (27%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 185, 235 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 188, 185, 235 by changing the saturation by 10% instead.

■ 188, 185, 235

255, 255, 255

■ 245, 241, 255

■ 188, 185, 235

■ 161, 158, 207

■ 134, 132, 179

■ 108, 107, 152

■ 83, 83, 126

■ 59, 60, 101

■ 35, 38, 77


■ 11, 17, 54

■ 0, 2, 32


■ 0, 0, 5

 188, 185, 235

 188, 185, 235

 166, 162, 235


 210, 209, 235

 144, 138, 235

 232, 232, 235

 122, 115, 235

 235, 255, 236


 100, 91, 235

 235, 255, 235

 78, 68, 235

 55, 44, 235

 33, 21, 235

 14, 0, 235

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



153, 180, 239



188, 185, 235



218, 177, 219

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



188, 185, 235



232, 195, 150



132, 174, 204

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



188, 185, 235



185, 235, 188

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



158, 199, 201



188, 185, 235



178, 212, 140

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



188, 185, 235



241, 173, 170



144, 195, 153



117, 162, 210

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188, 185, 235



232, 173, 204



144, 195, 153



140, 180, 203

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



188, 185, 235



241, 240, 255



185, 209, 235



119, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



188, 185, 235



193, 189, 255



212, 185, 235



106, 106, 117



11, 0, 181



3, 0, 54

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



235, 185, 232



255, 189, 251



185, 235, 212



117, 106, 117



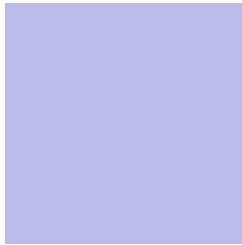
181, 0, 170



54, 0, 50

Previews

White Background



This preview shows how the RYB color 188, 185, 235 looks on a white background.

Color Contrast Check

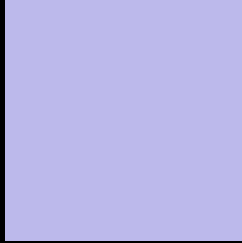
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 188, 185, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

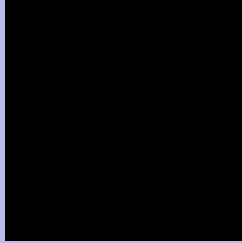
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 188, 185, 235 Background



This preview shows how black text looks on a background with the RYB color 188, 185, 235.



This preview shows how white text looks on a background with the RYB color 188, 185, 235.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

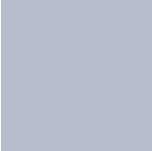
Dichromacy



Original Color
188, 185, 235

Protanopia
178, 187, 237

Deuteranopia
185, 186, 235



Tritanopia
183, 188, 205

Trichromacy



Original Color

188, 185, 235

Protanomaly

182, 187, 236

Deuteranomaly

186, 186, 235

Tritanomaly

185, 188, 216

Monochromacy



Original Color

188, 185, 235

Achromatopsia

192, 192, 192

Achromatomaly

191, 189, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 185, 235 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(188, 185, 235)` looks like.

```
.text, #text, p{  
  color:rgb(188, 185, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(188, 185, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 185, 235) }
```

Border

The CSS property to change the border of an element to RYB 188, 185, 235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 185, 235) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(188, 185, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(188, 185, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 185, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 185, 235);  
box-shadow:4px 4px 4px 4px rgb(188, 185,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 188, 185, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 185, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(188,  
185, 235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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